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Xparkin ZQS200

Xparkin 4G LTE Cellular Outdoor Security Camera User Manual

Model: ZQS200

1. INTRODUCTION

Thank you for choosing the Xparkin 4G LTE Cellular Outdoor Security Camera. This camera provides robust surveillance without the need for a Wi-Fi connection, operating on 4G LTE networks. It features 2K 4MP resolution, solar power, color night vision, PIR motion detection, and two-way audio, making it ideal for monitoring remote locations such as gardens, country houses, farms, and construction sites.

2. WHAT'S IN THE BOX

- Xparkin 4G LTE Cellular Outdoor Security Camera
- Solar Panel
- SIM Card (built-in)
- Mounting Accessories (screws, anchors)
- User Manual



The Xparkin 4G LTE Cellular Outdoor Security Camera, shown with its accompanying solar panel and a 4G SIM card, highlighting its key components for wireless outdoor surveillance.

3. SETUP GUIDE

3.1. Initial Setup

1. **SIM Card Activation:** The camera comes with a built-in SIM card. Ensure it is activated with a compatible 4G network provider (US AT&T, T-Mobile, or Verizon). Data plans are required and can be managed via the app.
2. **Micro SD Card Installation (Optional):** For local storage, insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera.
3. **Charge the Camera:** Before mounting, fully charge the camera's internal 10400mAh battery using the solar panel in direct sunlight or via a USB power adapter if available.
4. **Download the App:** Search for the 'UBOX' app on your smartphone's app store (iOS or Android) and install it.
5. **Pair the Camera:** Follow the in-app instructions to add your camera. This typically involves scanning a QR code displayed by the camera or manually entering its device ID.

3.2. Mounting the Camera

Select a mounting location that provides optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor. The camera is designed for wall mounting.

- Use the provided mounting accessories to securely attach the camera and solar panel to a sturdy surface.
- Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day to maintain battery charge.

Solar Powered & PTZ Control

100% Wireless, long battery life,
355°PAN & 100°Tilt



The camera is depicted with its solar panel, showcasing its Pan-Tilt-Zoom (PTZ) capabilities (355° pan, 100° tilt) and highlighting its 10400mAh battery capacity for extended operation.



4G LTE Connected No Wi-fi Needed

SIM card included and monthly subscription required. Multiple data plans available in the APP.

T-Mobile

AT&T

verizon

This image illustrates the camera's 4G LTE connectivity, emphasizing its independence from Wi-Fi and compatibility with major US cellular networks like T-Mobile, AT&T, and Verizon.

4. OPERATING INSTRUCTIONS

4.1. App Control and Live View

Once paired, access the camera's live feed and controls through the UBOX app.

- **Live View:** Tap on the camera in the app to view the real-time feed.
- **Pan-Tilt-Zoom (PTZ):** Use the directional controls within the app to remotely rotate the camera 355° horizontally and 100° vertically. The camera also supports 4X digital zoom.
- **Two-Way Audio:** Utilize the microphone icon in the app to speak through the camera's speaker and listen to audio from the camera's vicinity.
- **Recording & Playback:** Record video manually or set up motion-triggered recordings. View recorded footage from the cloud storage (30-day trial available) or the inserted Micro SD card.

Two-Way Audio & Live Streams



Illustrates the camera's two-way audio functionality, allowing communication with subjects, and its capability for up to four users to view live streams concurrently on their mobile devices.

Play Back Every Precious Moment



Photo Capture



Video Record



Cloud Storage
30days free trial



SD Card Storage
Up to 128G, Not included



A visual representation of the camera's recording options, including capturing photos, recording videos, and storage solutions such as a 30-day free trial for cloud storage and support for up to 128GB SD card storage.

4.2. Motion Detection & Alerts

The camera features a sensitive PIR motion sensor that detects human and animal movement. When motion is detected:

- An alarm notification is pushed to your mobile phone.
- The camera can activate a siren alert and/or white light flashing alarm to deter intruders.

Motion Detection & Push Notifications



Siren Alert
Auto or Manual



White Light Flashing Alarm
Auto or Manual



Two Way Talk
Real Time and Clearness



This image shows the camera's motion detection feature in action, with a person triggering an alert and a smartphone displaying a 'Human body detected' notification from the UBOX app.

4.3. Night Vision

The camera is equipped with 12 LED lights for enhanced night vision, providing clear visibility up to 48 feet in the dark.

- **Color Night Vision:** Provides full-color images even in low-light conditions.
- **IR Night Vision:** Standard infrared black and white night vision for complete darkness.



Keep eyes on your property

2K color images showed to you in day & night, sunny & rainy

An outdoor scene at night with the camera mounted on a building, demonstrating its ability to capture clear 2K color images in various lighting conditions, including nighttime.

4.4. Power Management

The camera's 10400mAh battery is primarily charged by the included solar panel. For optimal performance, ensure the solar panel receives adequate direct sunlight daily. In areas with insufficient sunlight, the camera can also be charged via its USB port.

5. PRODUCT DEMONSTRATION VIDEO

This video provides a comprehensive overview of the Xparkin 4G LTE Cellular Outdoor Security Camera, including unboxing, initial setup, app interface navigation, live view demonstration, two-way audio functionality, pan-tilt-zoom (PTZ) controls, night vision capabilities, motion detection alerts, and the bright floodlight feature.

6. MAINTENANCE

- **Clean the Solar Panel:** Regularly wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or

debris that may hinder charging efficiency.

- **Check Battery Status:** Monitor the battery level via the UBOX app to ensure continuous operation. Adjust solar panel angle if needed to optimize charging.
- **SD Card Management:** If using an SD card, periodically check its storage capacity and format it as needed to ensure smooth recording.
- **Firmware Updates:** Keep the camera's firmware updated through the app to ensure optimal performance and access to new features.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera offline/No connection	Weak 4G signal, inactive SIM card, data plan expired.	Check 4G network coverage at installation site. Verify SIM card activation and data plan status with your carrier. Restart the camera.
Battery not charging/Low battery	Insufficient sunlight, dirty solar panel, faulty solar panel connection.	Ensure solar panel is in direct sunlight for several hours daily. Clean the solar panel. Check the connection cable between the camera and solar panel.
Poor image quality	Dirty lens, low light conditions, network bandwidth issues.	Clean the camera lens. Ensure adequate lighting for optimal image quality. Check 4G signal strength.
Motion detection not working/too sensitive	Incorrect sensitivity settings, obstructions in detection zone.	Adjust PIR sensitivity settings in the UBOX app. Clear any moving objects (e.g., tree branches) from the detection area.
Two-way audio unclear	Microphone/speaker obstruction, network delay.	Ensure no obstructions are blocking the microphone or speaker. Check 4G signal strength for better real-time communication.

8. SPECIFICATIONS

- **Model Number:** ZQS200
- **Video Capture Resolution:** 4 MP (2K)
- **Connectivity Protocol:** 4G LTE Cellular (Supports US AT&T, T-Mobile, Verizon)
- **Power Source:** Solar Powered (with 10400 mAh rechargeable battery)
- **Controller Type:** Phone App (UBOX)
- **Mounting Type:** Wall Mount
- **Night Vision Range:** Up to 50 Feet
- **International Protection Rating:** IP65
- **Item Dimensions (L x W x H):** 3.9 x 5.9 x 7 inches
- **Item Weight:** 3.03 pounds
- **Storage:** Supports Micro SD Card (Max 128GB) and Cloud Storage

- **Special Features:** Night Vision, Motion Sensor, Two-Way Talk, Siren, Floodlight Flash

What you need to know

1. This is 4G Cellular security camera, only support US AT&T, T-Mobile, and Verizon networks 4G SIM Card, Not work with WIFI;

2. This camera come with a free 4G SIM Card and 300MB trial data;

3. Multiple data plans available in the APP, every camera need to buy data plan separately.

Cellular Data Plan		
1 month	per 6 months	per 12 months
\$ 14.9	\$ 79.9	\$ 139.9



Details regarding the cellular data plans required for the 4G LTE camera, showing pricing for 1-month, 6-month, and 12-month subscriptions, along with notes on the included SIM card and optional Micro SD card.

9. WARRANTY AND SUPPORT

Xparkin is committed to producing high-quality home security cameras. For any product-related inquiries, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Xparkin website. Protection plans may also be available for extended coverage.